Nugget Exploration Company

P. O. BOX 287

CASPER, WYOMING

PHONE 23 4-9151

December 16, 1963

Supervisor, Oil & Gas Commission Newhouse Building Salt Lake City, Utah

Attention: Mr. Jack Feight

Dear Sir:

Attached please find in duplicate Notice of Intention to Drill with survey plats for McCulloch Oil Corporation of California No. 1 Gov¹t. Wolf, located in the NW¼NE¼ of Section 23, Township 40 South, Range 13 West, Washington County, Utah. In accordance with the state regulations of the Utah Oil and Gas Conservation Commission and in accordance with Rule C-3-C, it is hereby requested that a tolerance be permitted for the above described well. The tolerance is hereby requested on the basis of topographic problems in this immediate area. In order to properly locate the well as to the geologic structural feature as mapped the only location that will be located on the known feature is as shown on the plats (3515 feet from the West line 90 feet from the South line Section 23-T40S-R13W). This location falls in a canyon with the Hurricane Cliffs immediately to the east and canyon walls plus a fault enscarpment immediately to the west.

It is hereby respectfully requested that you approve this Intention to Drill. If you have any questions concerning this request please do not hesitate to call me at 234-9151, Casper, Wyoming.

Very truly yours,

NUGGET EXPLORATION COMPANY

James S. Wilkins

James G. Wilkins

JGW:bh

Attachments

Form 9-881a (Feb. 1951) Lopy H. K. C.

(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4 Form Approved.

Selt Lake

and Office

Vildest

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	X	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.	i .
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	ł
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT.	
NOTICE OF INTENTION TO PULL OR ALTER CASING.		SUPPLEMENTARY WELL HISTORY	ł.
NOTICE OF INTENTION TO ABANDON WELL			
<u></u>	, .		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

	75	December, 16	1963
Well No is located	ft. from	[N] line and 3515 ft. fr	om $\{W\}$ line of sec. 23
NO MY ME. Sec. 23.	1405	RISV 6th P	.A.
(1/4 Sec. and Sec. No.)	(Twp.) (1	Range) (Meridian)	**************************************
VI I deat	Washir	ngton	litah
(Field)	(County or	Subdivision)	(State or Territory)

The elevation of the derrick floor above sea level is 3810 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

it is proposed to drill the above-described well to a depth sufficient to penetrate and adequately test the upper Combrian formation at an anticipated total depth of 5000°. A string of 10-3/4" 8 Ad. 400° J-55 surface casing will be set at \pm 150° and amented with approximately 150 sacks (canont to surface). Lit is proposed to drill a 7-7/8" hole to total depth with air as a circulating medium. Lin the event the well is mudded up a low solids and will be used. All prospective oil and gas harizons will be tested. In the event of camercial production a string of easing 5-1/2" J-55 140° will be set through the productive interval and camented with \pm 125 sacks.

Company

Address

Los Angeles 45, Colifornia

By

Successible

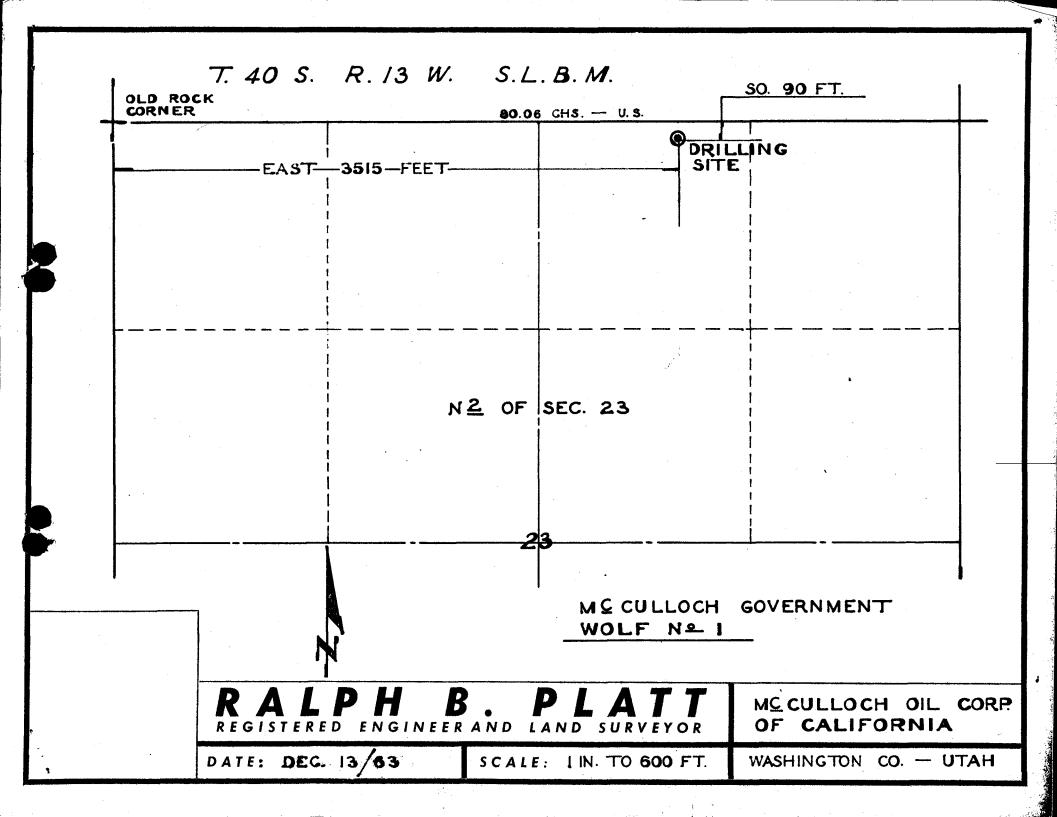
By

Title

Company

Title

Tit



OIL & GAS CONSERVATION COMMISSION OF THE STATE OF UTAH

DESIGNATION OF AGENT

The undersigned producer, operator, transporter, refiner, gasoline or initial purchaser who is conducting oil and/or gas operations in the State of Utah, does, pursuant to the Rules and Regulations, and Rules of Practice and Procedure of the Oil and Gas Conservation Commission of the State of Utah, hereby appoint, A. W. Watson & Ned Warnock , whose address is 175 S. Main St., Salt Lake City 11, Utah , (hiss, hereox its) designated agent to accept and to be served with notices from said Commission, or from other persons authorized under the Oil and Gas Conservation Act of the State of Utah.

The undersigned further agrees to immediately report in writing, all changes of address of the agent, and any termination of the agent's authority, and in the latter case, the designation of a new agent or agents shall be immediately made. This designation of agent, however, shall remain in full force and effect until and unless a new designation agent is filed in accordance with said statute and said regulations.

Effective Date of Designation December 13, 1963

Company McCULLOCH OIL CORPORATION OF Address 5965 W. 98th Street, Los Angeles, Calif.

By / Jazo (Signature)

Title Vice Pres., Mgr. Explor. & Oper.

cc: C. T. Corporation
510 S. Spring Street
Los Angeles 13, California

NOTE: Agent must be a resident of Utah.

cc: Lloyd Corp., Ltd. 9441 Olympic Blvd. Beverly Hills, Calif.



Nugget Exploration Company

P. O. BOX 287

CASPER, WYOMING

PHONE 23 4-9151

December 17, 1963

VIA AIR MAIL

Supervisor, Oil & Gas Commission Newhouse Building Salt Lake City, Utah

Attention: Mr. Jack Feight

Dear Sir:

In reference to our letter dated December 16, 1963 with regard to the Notice of Intention to Drill McCulloch Oil Corporation of California #1 Gov¹t. Wolf, $NW_4^1NE_4^1$, Section 23-T40S-R13W, Washington County, Utah, it was not brought to your attention in that letter that McCulloch Oil Corporation of California does have control either by Assignment or Farmout Agreement of all leases 660 feet from the well site.

Please attach this letter to the Intention to Drill, for your file.

Very truly yours,

NUGGET EXPLORATION COMPANY

our S. Wilking

James G. Wilkins

JGW:bh

December 18, 1963 McCulloch Oil Corporation of California 5965 West 98th Street Los Angeles 45, California Notice of Intention to Drill Well No. GOVERNMENT WOLF #1, 90' FNL & 3515' FWL, NW NW NE of Section 23. Township 40 South, Range 13 West, Washington, County, Utah. Gentlemen: Insofar as this office is concerned, approval to drill Well No. Government Wolf #1 on said unorthodox location is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure, Utah State Oil and Gas Conservation Commission. However, this approval is conditional upon a Designation of Agent being filed with this Commission in accordance with Rule A-4 of said rules and regulations. As soon as you have determined that it will be necessary to plug and abandon the above mentioned well, you are hereby requested to immediately notify the following: PAUL W. BURCHELL, Chief Petroleum Engineer Office: DA 8-5771 or DA 8-5772 Home: CR 7-2890 Salt Lake City, Utah This approval terminates within 90 days if this well has not been spudded within said period. Enclosed please find Form OGCC-8-X, which is to be completed if water sends (equifors) are encountered while drilling particularly assessable near surface vater sands. Your cooperation with respect to completing this form will be greatly appreciated.

meidentially, in your letter of December 16, 1963, you indicate that this well is located 90 feet from the south line rather than from the north line as indicated on your notice of intention to drill and incetion plat. If this will is listed incorrectly on the location plat and notice, please advice.

Very truly pours,

OIL & GAS COMMODERATION CONCERNMENT

-

CLICK B. PERSON THE PERSON

CHT; cop

400

Don Ruspell, District Business W. S. Goslerfell Survey Selt Lake City, Utah

M. L. Grentys, Patroleum Magisseer 641 & Gue Comparention Commission Monty Utah

Auggst Exploration & Easper attn. James Witkers



ONO

DEVIATION SURVEY RECORD

Feet 85	Degrees 0
250	3/4
465	1/4
630	1/2
940	2
985	2
1,080	2
1,255	2
1,420	2
1,530	1-1/2
1,650	1-1/4
1,770	1-1/4
1,930	3/4
2,205	1
2,430	1
2,740	1
2,930	1
3,330	1-1/4
3,530	1-1/4
3,900	1
4,075	1-1/2
4,455	1-1/2
4,840	1-3/4
6,237	5
6,360	5
6,540	5-1/2
6,700	5
6,900	5

WELL SUMMARY

Operator:

McCulloch Oil Corporation of California

Lease:

Govt.-Wolf #1

Location:

Sec. 23, T40N, R13W, 90' south & 3,515' east of northwest corner

County:

Washington

State:

Utah

Field:

Wildcat

Contractor:

Willard Pease Drilling Co. Rig #2 - C. H. Baker, Pusher

Elevation:

3,800' ground (topo) 3,810' kelly bushing

Commenced:

December 30, 1963

Surface Pipe:

11 joints, 10-3/4°, new, J-55, 32.75#. Set at 373.50' (KB). Cemented to surface with 165 sacks, Type 5 Portland cement, 2% CaC12.

Intermediate Pipe:

92 joints, 7-5/8", new, J-55, 26.40#. Set at 2,994' (KB). Cemented with 75 sacks, Type 5 Portland cement.

Completed:

Plugged and abandoned February 29, 1964

Cores:

Core #1 3,082'/3,090'

Core #2 7,058'/7,090'

Core #3 7,256'/7,315'

Mud Logger:

Portable Engineering Corp.

Samples Worked By:

American Stratigraphic Company 1820 Broadway, Denver, Colorado

Logs:

ij.

Induction-Electrical Survey 980'-5,017'

Sonic-Caliper

2,994'-5,017'

Sonic-Gamma Ray

4,810'-7,062'

Gamma Ray-Neutron

0'-5.017'

2/94/64 - Yound, altal Mc Callgho Och (Mih Marwell) Washington Co. Whitester Model

Our Worlf # 1 f. & Starte 6733521

Sec. 93 T 40 S R 13 W ro bry tile

nec. 93 T 40 S R 13 W marke of

mad Jogger: top cy Cambrian 2 5000 ft. To me agrees of present with the standing whot farmatin't top are Titalitate (i) worth only to stempunglebrande. 78 at 3,994 (leave in hale) Copie only comates 300 ft up from store (7506) Willow Peare - oral oppme for Schillield (1) put (15) 26 (50A) at sufer (2) 40 26 at shoeg 75"=100A fm 3944 to 3044 (5m' & 501) Water show (300-500 Ml per hor stord at 765) - luking 75" water sand might not be convert by coment of but no sall unter in well of the continued of method of the continued of the convert by 200-300 ft from T. D. look Circulation 70 lb mal happy in hale - kole tight experience of C270 to C280-book Carculated experience the cup this. & over

9/95/65 - Mils Called to (parmentety aboutant enellno 2 instructed expendents: (1) Senio no gerloge top place Coment plags or wood all paronty gones are inlated - fresh water zoner from sall water zoner or inducted from logs (2) Pull of 7-8" suffere covery from coment play acres state, (or perfection of squize) place a nother comment play across (4) 10 sh at surface with marker. 1/26/65 m Mik Moracell Embolis In Recol (4565)

in my mitel and marked the follow, propose:

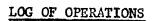
() 4025 of 5000 fl " fair is out 2884

(2) 4025 of shoog 78" fair is sould severe 4025 3) Desfert of 1200-1250/ & squeg 40-18 a 10 sh of surfice

gnos

McCulloch Oil Corporation of California McCulloch-Govt. Wolf #1 S-23, T 40 S, R 13 W, Washington Co., Utah

- Core #1: 3,0821/3,0901 Recovered 5 feet.
 - 8' Dolomite, occasionally limey, light to dark gray, massive, very hard, scattered pyrite grains, microcrystalline grading to coarsely crystalline at base of core, impermeable, apparent bedding planes are filled with white crystalline calcite which exhibits dips ranging from 30° to 45°, highly fractured, common randomly oriented slickensides showing dark brown gouge material on surface. NOSCF.
- Core #2: 7,058'/7,089' Recovered 31 feet.
 - Shale, dark gray with dark greenish cast, limey, thin bedded, fissile, brittle, breaks in thin chips. Thin beds and lenticles sandstone, very fine grained, hard, indurated quartzitic, gray green with pinkish cast, occasional graded beds. One bronze colored mollusk fragment, pyritic, lime cemented sandstone.
 - Limestone, dolomitic, gray to dark gray, brownish cast on fresh break, hard, dense, massive, stylolitic with dark gray to black wavy banded stylolites indicating low to flat dips. Occasional crinoid stems? with center of stem filled with finely crystalline calcite. Lower three feet has irregular pods and lenticles of very fine lime cemented quartz sandstone as in shale above. One vertical minor fracture indicated near middle of core. No porosity. No oil show.
- Core #3: 7,256'/7,315' Recovered 59 feet.
- 41-1/2' Limestone, dark gray with brownish cast stylolitic micro-rystalline, hard, dense, massive, common pods and lenticles recrystallized fossils. Strong H2S odor on fresh break throughout interval. Find y disseminated pyrite. Low dip indicated. Common to abundant trilobical and brachiopod fragments.
- 13-1/2' Interbedded limestone as above and shale. Shale is dark green, waxy, common disseminated pyrite, micaceous and sericitic. Pods and lenticles limestone, brittle, fissile, very splintery, common trilobite and brachiopod fragments. Limestone as above, no H2S odor. Local glauconite floods, low to flat dips on wavy and irregular contacts.
 - 2-1/2' Shale as above with parting on bedding planes at less than 3° dip, fossils common, gradational into:
 - 2-1/2' Interbedded shale as above and sandstone, quartzitic, dark gray with slight greenish cast, very fine grained, rare medium-coarse quartz grains, hard, brittle, flat dips, no odor, show or cut. No porosity and permeability.



Date	Depth	Remarks
		(ALL DEPTHS FROM KELLY BUSHING)
December		(Days end at 12 midnight)
28	0,	Rigging up rotary tools.
29	01	Rigging up rotary tools.
30	291'	Spud 9:30 a.m. Drilling 9-7/8" hole with water.
31	3901	Drilled 9-7/8" hole to 390'. Reaming 9-7/8" hole to 13-3/4".
January		
1	390.1	Reamed hole to 390'. Strapped out of hole. Ran 11 joints
		10-3/4", new, J-55, 32.75# casing. Cemented to surface with
		165 sacks Type 5 Portland cement mixed with 2% calcium
		chloride. Waiting on cement.
2	4031	Waiting on cement, laid blooey line, blew hole dry. Drilled
		out shoe, drilling 9-7/8" hole with air. Mud loggers on hole.
3	6651	Drilling with Mission hammerdril in drilling string. Making
		water at 410'.
4	920'	Drilling, encountering fresh water 125 gal/hr est.
5	1,026	Drilling, encountering fresh water 125 gal/hr est.
6	1,267'	Drilling. Increase in water flow at 1,020' and 1,200';
		approximately 1,500 gal/hr.
7	1,395'	Drilling.
8	1,470'	Drilling. Water flow approximately 200 bbls/hr.
9	1,629'	Drilling. Water increase at 1,600' at estimated rate of 400
	·	to 500 barrels per hour. Removed Mission hammerdril from
ž,t _e ,	a to the second	drilling string.

<u> </u>	ate	Depth	Remarks
Jar	nuary		
	10	1,727'	Drilling. Water entry heavy but at stabilized rate of 400 to
			500 bbls/hr, still fresh.
	11	1,803'	Stuck pipe at 1,750'. Added 19 sacks of gel and worked pipe
			for 6-1/4 hours until free. Drilling ahead.
	12	1,924	Drilling.
	13	1,994	Drilled 9-7/8" hole to 1,989'. Now drilling 8-3/4" hole.
	14	2,181'	Drilling.
	15	2,317'	Drilling.
	16	2,510	Drilling.
	17	2,8031	Drilling.
	18	3,082'	Drilled 3,082'. Blew hole clean for 45 min., strapped
			out of hole. Picked up core barrel with 6-1/8" diamond
			core bit.
	19	3,090'	Cut Core #1 3,082'/3,090'. Barrel jammed at 3,090'.
			Recovered 8' of core. Ran Induction-Electrical Survey,
			Gamma Ray-Neutron and Continuous Dipmeter.
	20	3,0901	Reaming 8-3/4 hole to 9-7/8" for intermediate string.
	21	3,090'	Reaming hole.
	22	3,090'	Reamed hole to 2,985' (9-7/8"). Ran 92 joints, new, J-55,
			26.40#, 7-5/8", 2,996.52' on hook with shoe at 2,994' (KB).
			Cemented with 75 sacks Type 5 Portland cement. Waiting on
			cement.
	23	3,125	Waited on cement for 26 hours. Picked up 3-1/2" drill pipe,
			blew hole dry, drilling 6-3/4" hole.
	24	3,249'	Drilling.
	2 5 10 1	3,364'	Drilling and blowing hole.

Date	Depth	Remarks
January		
26	3,442	Drilling and blowing hole.
27	3,599'	Drilling.
28	3,818'	Drilling.
29	4,043'	Drilling.
30	4,310'	Drilling.
31	4,543'	Drilling.
February		
1	4,833'	Drilling.
2	5,0011	Drilling.
3	5,014	Drilled to 5,014'. Salt water entry at 5,002't. Mixing mud
		and lost circulation material for logging. Circulated for logs.
		Strapped drill pipe out of hole. Ran Induction-Electrical
		Survey, Gamma Ray-Neutron, Sonic-Caliper and Continuous Dipmeter.
		Mud weight 66 lb/cu ft, viscosity 53 seconds.
4	5,036'	Waited on orders. Drilling ahead. Minor lost circulation at
		5,020'. Added lost circulation material.
5	5,127'	Drilling. Mud weight 65 lb/cu ft, viscosity 63 seconds, 12% LCM.
6	5,272'	Drilling. Mud weight 64 lb/cu ft, viscosity 77 seconds, 12% LCM.
7	5,3571	Drilling. Mud weight 66 lb/cu ft, viscosity 65 seconds.
8	5,436'	Drilling. Mud weight 65 lb/cu ft, viscosity 50 seconds.
9	5,5451	Drilling. Mud weight 66 lb/cu ft, viscosity 48 seconds.
		Losing small amount of mud.
10	5,651'	Drilling. Mud weight 67 lb/cu ft, viscosity 49 seconds.
11	5,8031	Drilling. Mud weight 67 lb/cu ft, viscosity 47 seconds.
12	5,8841	Drilling. Mud weight 68 lb/cu ft, viscosity 48 seconds.
1.3	6,002!	Drilling. Mud weight 68 lb/cu ft, Viscosity 49 seconds.





Date	Depth	Remarks
February		
14	6,086'	Drilling. Mud weight 66 lb/cu ft, viscosity 63 seconds.
15	6,239	Drilling. Mud weight 68 lb/cu ft, viscosity 60 seconds.
16	6,3081	Drilling. Lost 300 barrels mud to formation. Added LCM.
		Mud weight 67 lb/cu ft, viscosity 68 seconds.
17	6,3931	Drilling. Mud weight 66 lb/cu ft, viscosity 63 seconds.
18	6,4871	Drilling. Mud weight 68 lb/cu ft, viscosity 51 seconds.
19	6,566'	Drilling. Mud weight 68 lb/cu ft, viscosity 50 seconds.
20	6,6871	Drilling. Mud weight 68 lb/cu ft, viscosity 47 seconds.
		13% LCM in mud.
21	6,811'	Drilling. Mud weight 69 lb/cu ft, viscosity 55 seconds.
22	6,9381	Drilling. Mud weight 69 lb/cu ft, viscosity 51 seconds.
23	7,018'	Drilling. Mud weight 70 lb/cu ft, viscosity 46 seconds.
24	7,0571	Drilled to 7,057' by driller (7,061' by Schlumberger),
		strapped drill pipe out of hole. Ran Gamma Ray-Sonic and
		Continuous Dipmeter. Mud weight 70 lb/cu ft, viscosity 48
		seconds.
25	7,057'	Ran in with 6-1/8" diamond core head but could not break
		circulation. Pulled core barrel. Found LCM plugging
		between inner and outer barrels. Cleaned core barrel and
		went in hole to cut Core #2.
26	7,077'	Cut Core #2 (7,057'/7,077'). Waited on orders. Reamed
		core hole to 6-3/4". Mud weight 70 lb/cu ft, viscosity 62
		seconds.
27	7,216'	Drilling. Mud weight 69 lb/cu ft, viscosity 45 seconds.
28	7,2991	Drilling and coring with 6-1/8" core head. Mud weight 70
	antu (Q) — U	1b/cu ft, viscosity 47 seconds.

Date	Depth	Remarks
February		
29	7,315'	Cut Core #3 (7,256'/7,315'). Installed 40 sack cement plug
		in interval 5,050'/4,900'. Installed 40 sack cement plug
		across shoe of 7-5/8" casing in interval 3,044'/2,920'.
		Shot four ½" holes in 7-5/8" casing at 1,200'. Squeezed
		40 sacks through perforations. Fluid level dropped to 625'
		after shooting perforations. After squeezing cement through
		perforations fluid level was at 595'. Installed ten sack
		cement plug at surface. Welded steel plate on surface casing
		and erected regulation dry hole marker.

Well plugged and abandoned February 29, 1964.

ROW OF ROM

HALLIBURTON DIV SION LABORATOR

OKLAHOMA CI Y. OKLAHOMA

HALLIBURTON COMPANY

FIELD LABORATORIES MAINTAINED A' VARIOUS POINTS IN THE GIL FIELDS

LABORATORY WATER ANALYSIS

t National Bldg. Okla			
d ByC.R. Kopp	edbe na utama-shiring ar do to thirth o b	late Received	DMX7 5. 1964
Government-Wolf #1 I	Depth 1440	ChaFormation.	Na hinas nada tanan uzan sa tanan maya da tanan da
		Township 40 S	
esistivity Utali			450 001) ha
•	1_000		4,000
·	7.74		
Oun Dissolved Solids	579	Parts per Million*	much ly sin - w
Calcium (Ca)	110	Parts per Million	TA 10 450 844
Magnesium (Mg)	45	Parts per Million	(when britted a
Chlorides (Cl)	102	Parts per Millien	Hater Auch - 680
Sulfates (SO4)	232	Parts per Million	•
Carbonates (COs)	<u>Q</u>	Parts per Million	Catherel zones be
Bicarbonates (HCOs)	90	Parts per Million	Scattered zones be
Total Iron (Fe)	% 78.00	Parts per Million	
Remarks:			
	•		
~			

HALLIBURTON COMPANY

cc W. L. Hughes W. W. Ball C. R. Koren

By Division Cham

This report to limited to the described excepts tosted. Any user of this region expens that removes the first tost of remove to extra or extension, resulting from such report or fin the.



STATE OF UTAH OIL & GAS CONSERVATION COMMISSION 310 NEWHOUSE BUILDING SALT LAKE CITY 11, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

<u>Depth</u> <u>From</u> <u>T</u> 1. 400'± 1,6	•23 T •40 K R	• Address Gra	ington (
Depth From T 1. 400' ± 1,6	S	• 13 Wash Wolume	ington (ality
From <u>T</u> 1. 400'± 1,6	<u>o F1</u>			
From <u>T</u> 1. 400'± 1,6	<u>o F1</u>			
1. 400'± 1,6	<u>o</u> <u>F1</u>	ow Rate or Head	Fre	esh or Salty
24.960' 5.0	500'± Se	e Remarks #1	Ve	ry Fresh
2.19.000)02' Se	e Remarks #2	Sa	Lty
3				
4.				
5.				TRANSPORT
7.1.1	(Continue	d on reverse side if ne	ecessary)	

Remarks:

dia national graduate

1. While well was drilling water entry increased gradually from 400'± to a depth of 1,600' where rate stabilized and remained constant until entire zone was cased through with 7-5/8" casing set at 2,994'. The maximum rate of discharge was estimated to be approximately from 400 to 500 bbls/hour. according to E log measurements fresh water stood at 765' in well bore. It is probable that this entry was from fractures occurring in the carbonate section being drilled.

Well at total depth (7,3151) bottomed in Bright Angel formation.

(over)

NOTE: (a) Upon diminishing supply of forms, please inform the Commission

(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure. (See back of form)



June 11, 1964

McCulloch Oil Corporation of California 6151 W. Century Blvd. Los Angeles, California

> Re: Well No. Government Wolf #1 Sec. 23, T. 40 S., R. 13 W., Washington County, Utah

Gentlemen:

This letter is to advise you that the well log and electric and/or radioactivity logs for the above mentioned well are due and have not been filed with this Commission as required by our rules and regulations,

Please complete the enclosed Forms OGCC-3, 'Well Completion or Recompletion Report and Log", in duplicate and forward them to this office as soon as possible. If electric and/or radioactivity logs were not run, please make a statement to that effect in order to keep our records accurate and complete.

Thank you for your cooperation in this request.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLARELLA N. PECK RECORDS CLERK

CNP:ns

Enclosure - Forms

50 pluge surta -103/4, J-55, 32,75# Cemented to sertare D 390' 410' hit 1st water. 920' more water @ 1259ph 1020- 1500 aph 1470 - 200 BPH 1600 - 400 4500 BPH 75/8,264# 5-55 Loo plug C shoe Spoke of Pory C lakerkin and he wants to re-enter

This well & fest it to water prod. I covered. the risks of this then I need for APD to remeder.





McCULLOCH OIL CORPORATION OF CALIFORNIA



BUSINESS AND EXECUTIVE OFFICES: TWELFTH FLOOR, McCULLOCH BUILDING 6151 WEST CENTURY BOULEVARD . LOS ANGELES, CALIFORNIA 90045 . TELEPHONES: 776-1151 . 645-4280

June 15, 1964

Andrew A

State of Utah
Oil & Gas Conservation Commission
310 Newhouse Bldg.
10 Exchange Place
Salt Lake City, Utah

Gentlemen:

Well No. Gov't. Wolf #1 Sec. 23, T 40 S, R 13 W Washington County, Utah

Enclosed for your files in duplicate are the following items pertaining to the subject well:

Well Completion Report and Log Core Descriptions
Well Summary
IES Log
Gamma Ray-Neutron Log
Sonic-Gamma Ray Log
Mud Log

Very truly yours

J. M. Maxwell Geologist

JMM:pjh

Enclosures

DEPA

SUBMIT IN DUPLICA

Budget Bureau No. 42-4355.5.

5. LEASE DESIGNATION AND SERIAL NO.

OIN	l i linka	JUNI		112: 1	(See othe
ARTME	NT C	F THE	INTER	RIOR	structions
GFOL	OGIC	AL SUE	2//FY	.3	reverse si

GEOLOGICAL SUI	RVEY	U-023474-A"
WELL COMPLETION OR RECOMPLETI	ON REPORT AND LO	G * 6. IF INDIAN, ALLOTTER OR TRIBE NAM!
1a. TYPE OF WELL: WELL WELL DR	-	7UNIT AGREEMENT NAME
b. Type of completion:	H. 100	B Not APP
WELL OVER EN BACK RESV 2. NAME OF OPERATOR	R. Uther	S. FARM OR LEASE NAME 5 = 5
McCulloch Oil Corp. of California	A MAR	9. WELL NO.
8. ADDRESS OF OPERATOR 6151 W. Century Blvd. Los Angel	les, Calif.	10; FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL (Report location clearly and in accordance At surface 90 S, 3,515 E of NW corner	with any State requirements).	Taw Eswildcat a Sa see
6 PM Washingto	on Co. Utah	11. SEC., T., R., M., OR BLOCK AND SURVEY
At top prod. interval reported below Not applicable	E S S	
At total depth		6 PM. 7 15 Care
14. PER	MIT NO. DATE ISSUED	Vashington Utah
15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (A		DF, REB, RT, GR, ETC.)4 19. ELEV. CASINGHEAD
12-30-63 2-29-64 Abandoned 2-		RKB 3,810 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22.	NOT MAPP 23. IN	TERVALS SUFFE TOOLS CABLE TOOLS (7.315) none
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, P	그렇게 하는 원 사람이 나를 보고 있다	25. WAS DIRECTIONAL
2 .	5 5 1 g	Banka byes Fregult
None 5	to established with the second	attach
TES, GRN, Sonic Caliper, Conti	Inqua Dinmeter	27 WAS WELL CORED
	D (Report all strings set in well)	ALLAGO F & Yest Falsa (C
CASING SIZE WEIGHT, LB./FT. DEPTH SET (MD)	HOLE SIZE 3 N CE	MENTING RECORD
32.75#/ft. 373.5 (KB)		type 5 portland None
	9-7/8" 75 sax	type 5 portland None
8		SECTION OF THE SECTION
29. LINER RECORL	· 6 6 4 5 5 1 30.	TUBING RECORD 5 5 5 5 5 5
SIZE TOP (MD) BOTTOM (MD) SACKS CEN		
Not APP	Not	
် မြောင်းများ မြောင်းများ <mark>မော့များ</mark>		स्वार्थिक विकास स्वार्थिक स्वार्यिक स्वार्थिक स्वार्यिक स्वार्यिक स्वार्यिक स्वार्यिक स्वार्थिक स्वार्यिक
31. PERFORATION RECORD (Interval, size and number) 4 jet holes 1/2" for cement squeze	82. ACID, SHOT	FRACTURE CEMENT SQUEEZE, ETC.
i i i i i i i i i i i i i i i i i i i	DEPTH INTERVAL (MD)	40 Sacks
shot at 1,200'.	2,200	
		Selection of the control of the cont
		7 8 4 8 4 8 4 8 4 8 4 8 4 8 4 8 4 8 4 8
	PRODUCTION 5	adda a litabet
	list, pumping—size and type of pu	mp) - well status (Producing or
Never produced ATE OF TEST HOURS TESTED CHOKE SIZE PROD'N.	TOP OIL PRI THE CAS W	824 BARRONE BERRY
DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N. TEST PROD'N.	SE 10D	CF. WATER BRL OF GASOID RATION
CALCULATED OIL—BE 24-HOUR RATE (WATER-BRID - TOIL GRAVITY-ARI (CORR.)
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		
Not APP	PAATE SORGE	TEST WITNESSED BY 200 200 E B B B B B B B B B B B B B B B B B B
35. List OF ATTACHMENTS 2 copies each	1 1 1 1 1 1 1 1 1 1	on Sonic Gamma-Ray, Mid log
36. I hereby certify than the foregoing and attached information i		
	Evaloration and Operation	
SIGNED TITI	- Aproiduor and Oberatio	715
See Instructions and Spaces	for Additional Data on Reve	

INSTRUCTIONS

Hem 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Hems 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producting intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, the separate report (page) on this form, adequately identified, the separate interval to be separated. core enalysis, all types electric, etc.), forma-tate laws and regulations. All attachmen's Consult local State of both, pursuant to applicable Federal and/or State laws and regulations. Any recommend instructions concerning the use of this form and the confer of copies to be subjected, particularly with regard to local, great, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local dedences TRUB VERT. 1 33 S.F. and leases to either a Federal agency or a finish agency iT 7 TE . 999 tool. TOP general. Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.) If not filed prior to the time this summary record is submitted copies of all currently available loge (drillers, geologists, sample and core consists all types electrons and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. Should be listed on this form, see item 35.

When 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Con dto. MEAS. DEPTH BE GEOLOGIC MARKERS dio 11: 30 logic formation at total depth Only known geo top is Combris 5,000 4. Bright Angel formetton. bottomed NAMB th th 38 and 24, and 33, below regarding separate reports for separate completions. completion report see log on all types of band. fracture porosity as well made fresh water in this zone. Water level stood at 765'£ 17. DATE INCLUDING Minor inter-crystalline porosity observed tested contains wredA SUB DIREKT PLUG. BACK T.D., TESTS, THE PROPERTY OF THE PROPERTY O cates porosity (not 400'/1,600' apparently CORED INTERVALS; AND ALL DRILL-STEM TAND SHUT-IN PRESSURES, AND RECOVERIES 5 DESCRIPTION, CONTENTS, BTC. in well cuttings (not tested) OOL BOY descriptions are rust. ested 3,082.7 5.00.1 XO3 Cored Int 1318: In vell. (2 Core 12 Sonic log SIZE Core Interval 44A Jou ROSITY AND CONTENTS THEREOF; USED, TIME TOOL OPEN, FLOWING SHOT, FRACT 17 6. (an) 600 8 BOTTOM 320 See instructions on items 22 EODUCT (Flowing) POROSITY ger if pumpin Strointe e of pump) METHOD MOIS 8 • 1 SHOW ALL IMPORTANT ZONES OF FO DEPTH-INTERVAL TESTED, CUSHION 300 General: This form is designed for ZONES OF TEST -MCF. 1.--JI0 CHOKE SIZE ZONES: TOP CALCULATED 24-DOUR SATE inestone/Dolomite SUMMARY OF POROUS ddV**j**c and/or State office. 20 S 1bmit "Sacks 89 liestone lor, colo FORMATION. complete 237700 Explor bnd perations Ea Re **JUN 18**

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